

Title (en)
IMPROVED DETOXICANT SOLUTION

Title (de)
VERBESSERTER ENTGIFTUNGSLÖSUNG

Title (fr)
SOLUTION DE DECONTAMINATION AMELIOREE

Publication
EP 1802377 B1 20111109 (DE)

Application
EP 05784236 A 20050902

Priority
• EP 2005009445 W 20050902
• DE 102004044621 A 20040913

Abstract (en)
[origin: WO2006029724A2] The invention relates to a detoxicant solution which comprises 0.1 to 50 parts by weight of at least one Friedel-Crafts reagent (Lewis acids) (I), 0.5 to 80 parts by weight of one or more of the following special solvents (II): dimethylsulfoxide, 1,3-dimethyl-2-imidazolidinone or octamethylcyclotetrasiloxane, and 1 to 80 parts by weight of an alcohol solvent (III), the term parts by weight relating to 100 parts by weight of the entire detoxicant solution. The detoxicant solution may contain 1H-benzotriazole as the anticorrosive agent and a saturated alicyclic hydrocarbon comprising 10 to 16 carbon atoms as the protective coating former and is especially suitable for decontaminating surfaces that are contaminated by chemical and/or biological warfare agents.

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